

Abstract

Apparatus for reducing mitral regurgitation,
including a bendable elongated body adapted to be
inserted into the coronary sinus of a patient in the
vicinity of the posterior leaflet of the mitral valve,
the elongated body being adjustable between a first
configuration adapted to be delivered into the
coronary sinus and a second configuration adapted to
exert a force onto the posterior annulus. The body
includes a flexible spine having a proximal end and a
distal end, and a flexible wire mounted on the spine
and having a distal end fixed to the spine proximate
to the distal end of the spine, and having a proximal
portion extending from the proximal end of the spine.
Axial movement of the wire causes a change in the
spine from the first configuration to the second
configuration to exert the force on the posterior
annulus and thereby reduce mitral regurgitation.